

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1.-16. (Canceled).

17. (Currently Amended) A filter, comprising:

a plurality of filter elements, each of the plurality of filter elements being electrically conductive;

a holding member insulating each of the plurality of filter elements from adjacent filter elements and positioning each of the filter elements relative to the adjacent filter element; and

at least one electrical connector on each end of each of the plurality of filter elements, wherein the plurality of filter elements are electrically connected to each other on at least one end by a bus bar.

18. (Original) The filter of claim 17, wherein the holding member includes two substantially u-shaped metal sections welded together.

19. (Original) The filter of claim 17, wherein the holding member includes a single folded metal portion.

20. (Original) The filter of claim 17, wherein the holding member includes an extruded metal shape.

21. (Original) The filter of claim 17, wherein the holding member is cast metal and includes at least one positioning bump.

22. (Original) The filter of claim 17, wherein the holding member is non-metallic.

23. (Original) The filter of claim 17, wherein the holding member includes an impression matching a shape of the plurality of filter elements.

24. (Original) The filter of claim 17, wherein each of the plurality of filter elements includes a wire mesh.

25. (Original) The filter of claim 24, wherein the wire mesh is corrugated.

26. (Original) The filter of claim 17, wherein the holding member includes a base portion and two side portions, the two side portions being configured to block lateral movement of each of the plurality of filter elements.

27. (Original) The filter of claim 17, wherein the holding member is substantially rectangular and has a substantially constant cross-section.

28. (Original) The filter of claim 17, wherein the holding member is coated with a non-conductive material.

29. (Original) A filter, comprising:
a plurality of wire mesh elements, each of the plurality of wire mesh elements being electrically conductive; and
a holding member insulating each of the plurality of wire mesh elements from adjacent wire mesh elements and positioning each of the wire mesh elements relative to the adjacent wire mesh elements, wherein the holding member includes a base portion and two side portions, the two side portions being configured to block lateral movement of each of the plurality of wire mesh elements.

30. (Original) The filter of claim 29, wherein the side portions are sealed to the plurality of wire mesh elements.

31. (Original) The filter of claim 29, wherein the side portions are crimped to the plurality of wire elements.

32. (Original) The filter of claim 29, wherein the holding member is corrugated and has a substantially constant cross-section.

33. (Original) The filter of claim 29, further including at least one electrical connector on each end of each of the plurality of wire mesh elements, wherein the plurality of wire mesh elements are electrically connected on the at least one end.

34. (Original) The filter of claim 29, wherein the holding member is coated with a non-conductive material.